

Title (en)
ILLUMINATOR FOR CAMERA SYSTEM HAVING THREE DIMENSIONAL TIME-OF-FLIGHT CAPTURE WITH MOVABLE MIRROR ELEMENT

Title (de)
BELEUCHTER FÜR KAMERASYSTEM MIT DREIDIMENSIONALER FLUGZEITERFASSUNG MIT BEWEGLICHEM SPIEGELELEMENT

Title (fr)
ILLUMINATEUR POUR SYSTÈME DE CAMÉRA COMPRENANT UNE CAPTURE DE DURÉE DE VOL À TROIS DIMENSIONS AVEC ÉLÉMENT DE MIROIR MOBILE

Publication
EP 3351964 A1 20180725 (EN)

Application
EP 18158472 A 20151119

Priority
• US 201414580053 A 20141222
• EP 15873939 A 20151119
• US 2015061633 W 20151119

Abstract (en)
An apparatus is described that includes a camera system having a time-of-flight illuminator. The time of flight illuminator has a light source and one or more tiltable mirror elements. The one or more tiltable mirror elements are to direct the illuminator's light to only a region within the illuminator's field of view.

IPC 8 full level
G01S 7/481 (2006.01); **G01S 17/894** (2020.01); **H04N 5/225** (2006.01); **H04N 13/254** (2018.01); **H04N 13/286** (2018.01); **H04N 13/296** (2018.01)

CPC (source: CN EP GB US)
G01S 7/4815 (2013.01 - CN EP GB US); **G01S 7/4817** (2013.01 - CN EP GB US); **G01S 17/89** (2013.01 - CN GB); **G01S 17/894** (2020.01 - EP GB US); **H04N 13/254** (2018.05 - CN EP GB US); **H04N 13/286** (2018.05 - CN EP GB US); **H04N 13/296** (2018.05 - CN EP GB US); **H04N 23/00** (2023.01 - GB); **H04N 23/56** (2023.01 - GB); **H04N 23/60** (2023.01 - GB); **H04N 25/705** (2023.01 - EP); **G01B 11/22** (2013.01 - GB); **H04N 23/56** (2023.01 - CN EP US); **H04N 2213/001** (2013.01 - CN EP GB US)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2016182892 A1 20160623; **US 9854226 B2 20171226**; CN 106796285 A 20170531; CN 115542341 A 20221230; DE 112015005725 T5 20170907; EP 3238435 A1 20171101; EP 3238435 A4 20180718; EP 3351964 A1 20180725; EP 3351964 B1 20240327; GB 201620382 D0 20170118; GB 2548662 A 20170927; GB 2548662 B 20210818; US 10306209 B2 20190528; US 2018077406 A1 20180315; WO 2016105724 A1 20160630

DOCDB simple family (application)
US 201414580053 A 20141222; CN 201580035674 A 20151119; CN 202211065044 A 20151119; DE 112015005725 T 20151119; EP 15873939 A 20151119; EP 18158472 A 20151119; GB 201620382 A 20151119; US 2015061633 W 20151119; US 201715816112 A 20171117